

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A polymeric substrate with a protective covering comprising at least a two-layer coating build-up wherein the first coating comprises a two-component polyurethane adhesion promoter (primer) containing alkoxy silyl groups and the second coating comprises an inorganic or an inorganic-organic hybrid coating, and the polymeric substrate comprises a polycarbonate; wherein the polyisocyanate and/or binder components in the two-component adhesion promoter are diluted with one or more solvents selected from the group consisting of butyl acetate, ethyl acetate, 1-methoxy-2-propyl acetate, toluene, 2-butanone, xylene, 1,4-dioxane, diacetone alcohol, N-methylpyrrolidone, dimethylacetamide, dimethylformamide, dimethylsulfoxide and mixtures thereof.

Claim 2. (Previously presented) The polymeric substrate of Claim 1 wherein the two-component polyurethane adhesion promoter comprises

- I) a hardener component (A), comprising an addition product of at least one organic polyisocyanate (B) with an average NCO functionality of 2.5 to 5.0 and an isocyanate content of 8 to 27 wt.% and an alkoxy silane (C) with at least one group which is reactive towards isocyanate groups, of formula (I)



in which

- Q represents an isocyanate-reactive group,
Z represents a linear or branched C₁-C₁₂-alkylene group,
X represents a hydrolyzable group,

Y represents identical or different C₁-C₄-alkyl groups, and
a represents an integer from 1 to 3,
and
II) a paint resin (D) which is reactive towards isocyanate groups.

Claim 3. (Previously presented) The polymeric substrate of Claim 2 wherein Q represents OH, SH or NHR₁, wherein R₁ represents a C₁-C₁₂-alkyl group, a C₆-C₂₀-aryl group or -Z-SiX_aY_{3-a}.

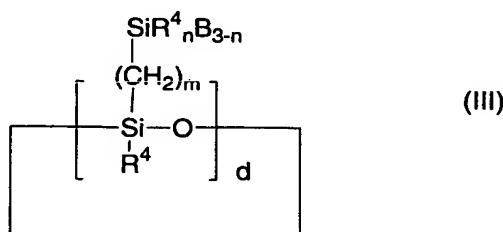
Claim 4. (Previously presented) The polymeric substrate of Claim 2 wherein Z represents a linear or branched C₁-C₄-alkylene group.

Claim 5. (Previously presented) The polymeric substrate of Claim 2 wherein X represents a C₁-C₄-alkoxy.

Claim 6. (Previously presented) The polymeric substrate of Claim 1 wherein the second coating comprises an inorganic coating.

Claim 7. (Previously presented) The polymeric substrate of Claim 1 wherein the second coating comprises an organically modified inorganic coating.

Claim 8. (Previously presented) The polymeric substrate of Claim 7 wherein the organically modified coating comprises at least one multifunctional, cyclic carbosiloxane of the general formula (III)



in which

R⁴ independently of one another represents a C₁-C₁₈-alkyl group and/or a C₆-C₂₀-aryl group, wherein
B represents a radical chosen from the group consisting of OH, C₁-C₄-alkoxy, C₆-C₂₀-aryloxy and C₁-C₆-acyloxy, preferably OH, methoxy or ethoxy,
d is 3 to 6,
n is 0 to 2 and
m is 2 to 6,
and/or a (partial) condensation product thereof.

Claim 9. (Previously presented) The polymeric substrate of Claim 8 wherein B represents OH, methoxy, or ethoxy.

Claim 10. (Currently amended) A process for the production of a protective covering comprising applying in a first step a two-component polyurethane adhesion promoter (primer) containing alkoxyisilyl groups,
wherein the polyisocyanate and/or binder components in the two-component adhesion promoter are diluted with one or more solvents selected from the group consisting of butyl acetate, ethyl acetate, 1-methoxy-2-propyl acetate, toluene, 2-butanone, xylene, 1,4-dioxane, diacetone alcohol, N-methylpyrrolidone, dimethylacetamide, dimethylformamide, dimethylsulfoxide and mixtures thereof and applying in a second step an inorganic or inorganic-organic hybrid coating to a substrate comprising polycarbonate.

Claim 11. (Original) The process of Claim 10 further comprising applying in a further step a third coating on the substrate.

Claims 12-13. (Cancelled)

Claim 14. (Original) A substrate comprising a protective covering according to the process of Claim 10.